BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of Work: Estimate for Construction and Improvements of Toilets in Sahakaranagara, Byatarayanapura Surroundings area in Ward No. 07, Byatarayanapura.

007-18-000015		P-3294 14th Finance					Est Cost Rs.		5000000.00
Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
1	KSRB 2-2.1 : Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, **in ordinary soil** not exceeding 1.5 m. in depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50 m. after breaking of clods complete as per specifications. specification. No. KBS 2.1(a) / 2.3.5 **Page No. 5 / Item No. 2.3 of PWD SR 2016-17**	Cum							
	Centre Line		1	40.40	1.00	0.95	38.38		
	Columns		6	1.50	1.50	1.20	16.20		
							54.58		
	For 5 Units						**272.90**	204.12	**55704.00**
	Basic Rate	189.00							
	Area Weightage @ 8%	15.12							
	Total	**204.12**							
2	KSRB 4-1.3 : Providing and laying in position **plain cement concrete of mix 1:4:8** with OPC cement @ 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.85cum and fine aggregates @ 0.57cum machine mixed, machine mixed, concrete laid in layers not exceeding 15 cms. thick, well compacted, **in foundation**, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1, 4.2. **Page No.12, Item No. 4.3 of PWD SR 2016-17**	Cum							
	Wall Portion		1	40.40	0.90	0.15	5.45		
	Columns		6	1.50	1.50	0.15	2.03		
	For Flooring Toilets		8	1.20	1.20	0.15	1.73		
	Passage		2	2.70	1.50	0.15	1.22		
			2	6.30	0.90	0.15	1.70		
			1	7.55	0.60	0.15	0.68		
			1	7.55	1.00	0.15	1.13		
							13.94		
	For 5 Units						**69.68**	5256.36	**366237.00**
	Basic Rate	4867.00							
	Area Weightage @ 8%	389.36							
	Total	**5256.36**							
3	KSRB 5.2-3 : Providing and constructing granite / trap / basalt size stone masonry in **foundation with cement mortar 1:6, stone** hammerd dressed in courses not less than 20 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 **Page No. 23 / Item No. 5.6, PWD SR 2016-17**	Cum							
	Wall Portion		1	40.40	0.60	0.45	10.91		
	Deduction for Columns		6	1.20	0.60	0.45	-1.94		
							8.96		
	For 5 Units						**44.82**	4521.96	**202674.00**
	Basic Rate	4187.00							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Area Weightage @ 8%	334.96							
	Total	**4521.96**							
4	KSRB 5.3-3 : Providing and constructing granite / trap / basalt size stone masonry in **basement with cement mortar 1:6**, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 **Page No. 23 / Item No. 5.9, PWD SR 2016-17**	Cum							
	Wall Portion		1	40.40	0.45	0.45	8.18		
	Deduction for Columns		6	1.20	0.45	0.45	-1.46		
							6.72		
	For 5 Units						**33.62**	5405.40	**181703.00**
	Basic Rate	5005.00							
	Area Weightage @ 8%	400.40							
	Total	**5405.40**							
5	KSRB 2.3 : Filling available excavated earth (excluding rock) in sides of foundations upto plinth in layers not exceeding 20cms, in depth, compacting each deposited layers by ramming after watering with lead upto 50m, and lift upto 1.5m, including cost of all labour complete as per specifications, specification. No. KBS 2.9, **Page No. 6 / Item No. 2.10 / PWD SR 2016-17**	Cum							
			Qty Vide Item No. 1				**272.90**	137.16	**37431.00**
	Basic Rate	127.00							
	Area Weightage @ 8%	10.16							
	Total	**137.16**							
6	KSRB 15.1.2 Providing flush pointing to square rubble, course or uncoursed stone masonry with cement mortar 1:4, 20mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications **Page No. 113 / Item No. 15.2, PWD SR 2016-17**	Sqm							
	Wall Portion		2	40.40		0.45	36.36		
	For 5 Units						**181.80**	102.60	**18653.00**
	Basic Rate	95.00							
	Area Weightage @ 8%	7.60							
	Total	**102.60**							
7	KSRB 5-14 : Providing and constructing load bearing wall with solid concrete blocks of size 400x150x200 mm having block density not lessthan 1800 kg/m3 and having a minimum average compressive strength 4.00 N/mm2 confirming to IS 2185 (Part) : 2005 and constructed with CM 1:4 , as per IS 2572:2005 including cost of all materials, labour charegs, scaffolding, curing complete as per specifications. KBS No.5.4 **Page No. 25 / Item No. 5.26.2, PWD SR 2016-17**	Sqm							
	Wall Portion		4	5.60		2.70	60.48		
	Sort Wall		3	4.20		2.70	34.02		
	Toilet Walls		4	1.20		2.70	12.96		
	Parapet Wall		2	5.60		0.40	4.48		
			2	4.20		0.40	3.36		
	Steps		2	4.00		0.30	2.40		
			2	1.00		0.15	0.30		
							118.00		
	Deductions RS		2	1.50		2.10	6.30		
	Doors		8	0.75		2.10	12.60		
			8	0.60		0.45	2.16		
	Plinth		1	40.40		0.30	12.12		

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Lintels		1	40.40		0.15	6.06		
							-39.24		
							78.76		
	For 5 Units						**393.80**	979.56	**385751.00**
	Basic Rate	907.00							
	Area Weightage @ 8%	72.56							
	Total	**979.56**							
8	Providing and laying **cement concrete** using 20 mm and down size granite coarse aggregates and fine aggregates of ready mixed concrete **(RMC) M 20** for R.C.C works laid in 15 cms thick layers and well compacted vibrating, curing, **for raft foundation column footing , main and secondary beams** with all lead and lifts etc., complete (exclusive of cost of steel and fabrication charges.) **Page No. 18, Item No. 4.48, PWD SR 2016-17**	Cum							
	Column Footing		6	1.20	1.20	0.60	5.18		
			6	0.45	0.15	3.50	1.42		
	Plinth Beam		1	40.40	0.15	0.30	1.82		
	Lintels		1	40.40	0.15	0.15	0.91		
	Roof Slab		1	5.75	4.50	0.15	3.88		
							13.21		
	For 5 Units						**66.05**	6349.32	**419365.00**
	Basic Rate	5879.00							
	Area Weightage @ 8%	470.32							
	Total	**6349.32**							
9	KSRB 4.9.2 : Providing **T.M.T steel reinforcement for R.C.C work** including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications. Specification No. KBS 4.6.3 **- TMT bars Fe 500 Page No. 17 / Item No. 4.46.2, PWD SR 2016-17**	Tonne							
	For Roof, Columns @ 100 Kg / Cum		0.10	66.05			6.60		
							6.60	65455.56	**432326.00**
	Revised Basic Rate	60607.00							
	Area Weightage @ 8%	4848.56							
	Total	**65455.56**							
10	KSRB 4-6.4 : Providing and removing **centering, shuttering, strutting, propping** etc., and removal of form work for **vertical surface such as walls at any thickness**, including attached pilasters, buttresses, plinth cills and string courses cost of all materials, labour complete as per specifications. Specification No. KBS 4.6.2 **Page No. 15 / Item No. 4.31 PWD SR 2016-17**	Sqm							
	Columns Footing		6	5.40		0.60	19.44		
			6	1.20		4.00	28.80		
	Plinth		2	40.40		0.30	24.24		
	Lintels		2	40.40		0.15	12.12		
	Roof		1	5.45	4.20		22.89		
	Sides		2	5.75		0.15	1.73		
			2	4.20		0.15	1.26		
							110.48		
	For 5 Units						**552.38**	316.44	**174794.00**
	Basic Rate	293.00							
	Area Weightage @ 8%	23.44							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Total	**316.44**							
11	KSRB15-3-13 : Providing 12mm thick cement plaster in single coat with cement mortar 1:3, to **ceiling** including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. **Page No. 114, Item No. 15.21 of PWD SR 2016-17**	Sqm							
	Toilet		8	1.20	1.20		11.52		
			2	2.70	1.50		8.10		
							19.62		
	For 5 Units						**98.10**	208.44	**20448.00**
	Basic Rate	193.00							
	Area Weightage @ 8%	15.44							
	Total	**208.44**							
12	KSRB15-3.12 :Providing 20mm thick cement plaster in single coat with cement mortar 1:6, to stone masonry & concrete surface including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. **Page No. 114, Item No. 15.21 of PWD SR 2016-17 (Inside Plastering)**	Sqm							
	Inside wall		2	4.17		2.70	22.52		
			2	2.65		2.70	14.31		
							36.83		
	Deductions - For door Doors		0.5x2	1.50		2.10	3.15		
	Door 1		0.5x8	0.75		2.10	6.30		
	Ventilator		0.5x8	0.60		0.45	1.08		
							-10.53		
							26.30		
	For 5 Units						**131.49**	224.64	**29538.00**
	Basic Rate	208.00							
	Area Weightage @ 8%	16.64							
	Total	**224.64**							
13	KSRB15-7 : Providing lime rendering for plastering to wall and ceiling, including cost of materials, labour, curing complete as per specifications. **Page No. 115, Item No. 15.33, PWD SR 2016-17**	Sqm							
			Qty Vide Item No. 10+11				**229.59**	27.00	**6199.00**
	Basic Rate	25.00							
	Area Weightage @ 8%	2.00							
	Total	**27.00**							
14	KSRB15-3.9 :Providing 18mm thick cement plaster in single coat with cement mortar 1:6, to brick masonry including rounding off corners wherever required smooth rendering, : Providing and removing scaffolding, including cost of materials, labour, curing complete as per specifications. **Page No. 114 / Item No. 15.17, PWD SR 2016-17 (Outside Wall)**	Sqm							
	Out Side		2	5.75		3.75	43.13		
			2	4.50		3.75	33.75		
							76.88		
	Deductions - For door Doors		0.5x2	1.50		2.10	3.15		
	Door 1		0.5x8	0.75		2.10	6.30		
	Ventilator		0.5x8	0.60		0.45	1.08		
							-10.53		
							66.35		
	For 5 Units						**331.73**	213.84	**70936.00**
	Basic Rate	198.00							
	Area Weightage @ 8%	15.84							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Total	**213.84**							
15	KSRB 15-14.1 : Providing and **applying two coats with oil bound washable distemper** of approved brand and shade on wall surface including priming coat with distemper primer after throughly brooming the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications. **Page No. 117 / Item No. 15.49.1, PWD SR 2016-17**	Sqm							
			Qty Vide Item No.11+12				361.08		
	Basic Rate	71.00					**361.08**	76.68	**27688.00**
	Area Weightage @ 8%	5.68							
	Total	**76.68**							
16	KSRB 15-16.1 : Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all dirt and loose powdered material, free from mortar drops and other foreign matter cost of materials, labour, complete as per specifications. - with primer. **Page No. 117 / Item No. 15.53.2, SR 2016-17.**	Sqm							
			Qty Vide Item No.14				331.73		
	Basic Rate	84.00					**331.73**	90.72	**30094.00**
	Area Weightage @ 8%	6.72							
	Total	**90.72**							
17	KSRB 14.14-5: Providing Ceramic tiles of approved make,shade and size for **flooring**, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment , including cost of materials, labour, curing, complete as per specifications. - for Ceramic Tiles of size 30x30cms 6mm thick. **Page No.106, Item No. 14.36.2, PWD SR 2016-17**	Sqm							
	for flooring		8	1.20	1.20		11.52		
			2	2.70	1.50		8.10		
							19.62		
	Basic Rate	1176.00					**98.10**	1270.08	**124595.00**
	Area Weightage @ 8%	94.08							
	Total	**1270.08**							
18	KSRB 7.1 : Providing and fixing in position **collapsible steel shutters** with single or double leaf with vertical channel 20mmx10mmx2mm braced with flat iron diagonals 20mmx5mm size, with top and bottom rails of T iron sections of 40x40x6 mm with 38mm dia steel pulleys complete with bolt and nuts, locking arrangements, stoppers, handles on both sides with 7.5cms openings at 10 cms. c to c applying a priming coat of red lead paint. cost of materials, labour, HOM of machinery complete as per specifications. **size of gate 2.4mx1.4m**. Specification No. KBS 7.7 / 7.12 **Page No. 30, Item No. 7.1, PWD SR 2016-17**	Sqm							
	Doors		2	1.20		1.80	4.32		
							4.32		
	Basic Rate	4033.00					**21.60**	4355.64	**94082.00**
	Area Weightage @ 8%	322.64							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
	Total	**4355.64**							
19	KSRB 14-17.2 : Providing skirting, dado, rises of steps with **colour glazed tiles on 10mm thick** cement plaster 1:3 and jointed with white cement slurry over rough plaster surface (excluding cost of rough plastered surface which should be measured and paid separately) using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications. Specification No.KBS 14.16, 14.17 - Colour glazed tiles 15x15 cms 6mm thick								
	for walls		4x8	1.20		2.10	80.64		
	for passege		2	2.70		2.10	11.34		
			2	4.50		2.10	18.90		
							110.88		
	Deduction for door openings		0.5x2	1.50		2.10	3.15		
			0.5x8	0.75		2.10	6.30		
			0.5x8	0.60		0.45	1.08		
							-10.53		
							100.35		
	Basic Rate	1072.00					**501.75**	1157.76	**580906.00**
	Area Weightage @ 8%	85.76							
	Total	**1157.76**							
20	SOLID PVC DOOR FRAME Providing & fixing factory made PVC Door frame of size 50x47mm with a wall thickness of 5mm, made out of extruded 5mm rigid PVC foam sheet metered cut at corners & jointed 2 No.s of 150mm long brackets of 15x15mm M.S Square tube, the entire door frame to be reinforced with 19x19mm M.S Square tube of 19 gauge. The door frame to be fixed to the wall using M.S. Screws of 65/80mm size **Page No. 56, Item No. 9.84, PWD SR 2016-17**	Sqm							
			8	0.75		2.10	12.60		
	Basic Rate	526.00					**63.00**	568.08	**35789.00**
	Area Weightage @ 8%	42.08							
	Total	**568.08**							
21	SOLID PANEL PVC DOOR SHUTTER Providing & fixing 30mm thick factory made rigid foam Panelled Door Shutters made from M.S. tube of 19 gauge thickness, size 19x19mm fro styles and 15x15mm for top & bottom rails, covered with heat moulded PVC channel of 5mm thick sheet & 30 x 50mm wide to form styles & 5mm thick & 75mm wide PVC Sheets for top rail, lock rail & bottom rail on either side & 5mm thick 20mm wide PVC sheet as gap insert for top rail & bottom rail, Panelling of 5mm thick PVC sheet fitted in the M.S. Frame, Sealed to the styles & rails with 5x30mm PVC sheet beading on either side & joined together with solvent cement adhesive etc., Complete as per manufacturers specification & direction of Engineer-in-charge fixed to frames with 3 nos of 75 m.m Aluminium hinges. **Page No. 56, Item No. 9.83, PWD SR 2016-17**	Sqm							
			8	0.75		2.10	12.60		
	Basic Rate	3193.00					**63.00**	3448.44	**217252.00**
	Area Weightage @ 8%	255.44							
	Total	**3448.44**							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
22	KSRB 7.7 : Providing and fixing in position in cement concrete 1:3:6 **steel glazed windows and ventilators** side hung/top hung fully openable as per approved drawings using Z angles of 25x33x3mm, weighing 1.419 Kg/m both for outer and inner frames and central mullion section of size 25x46x3mm. weighing 2.28Kg/m duly providing T section 19x19x3mm weighing 0.839 kg/m for glazing of windows not more than 34 cms. c to c including providing and fixing 4mm. thick reeded glass with teakwood beading of required size, all steel sections should confirm to I.S 7452:1990, 4nos. of holdfasts of approved size, section should be cut to length welded and electrically grinded subdividing frames of unit shall be tenonned and revetted into the frames electrically. All the steel surface shall be throughly cleaned free of rust and painted with one coat of anti-corosive paint and finishing with two coats of ready mix paint of approved colour and make including cost of materials, fixtures, labour and HOM of	Sqm							
			8	0.60		0.45	2.16		
	Basic Rate	3530.00					**10.80**	3812.40	**41174.00**
	Area Weightage @ 8%	282.40							
	Total	**3812.40**							
23	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.) - 20mm nominal OD pipes. **(P.No.96, I.No. 13.86.2 of PWD SR 2016-17)**	M							
			5	50.00			**250.00**	226.80	**56700.00**
	Basic Rate	210.00							
	Area Weightage @ 8%	16.80							
	Total	226.80							
24	Providing and fixing Chorinated Poly Venyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spat & the cost of cutting chases & making good the same including testing of joints complete. (Concealed work including cutting chases and good the walls etc.) - 25mm nominal OD pipes **(P.No.96, I.No. 13.86.3 of PWD SR 2016-17)**	m							
			5	50.00			**250.00**	270.00	**67500.00**
	Basic Rate	250.00							
	Area Weightage @ 8%	20.00							
	Total	270.00							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
25	Providing and fixing CI Nahani trap of approved make conforming to ISI specifications and construction of Cistern in M-15 as per directions (Rate is inclusive of cost of materials and fixtures and conveyance of materials to work spot). **- 12.5cms x 7.5cms Page No. 88, Item No. 12.113.2, PWD SR 2016-17**	Each							
			5x5				**25.00**	307.80	**7695.00**
	Basic Rate	285.00							
	Area Weightage @ 8%	22.80							
	Total	307.80							
26	Providing and fixing 7.5 cms to 15.00 cms dia NP grating 100 mm dia. **(P.No. 88, I.No. 12.111 of PWD SR 2016-17)**	Each							
			5x5				**25.00**	172.80	**4320.00**
	Basic Rate	160.00							
	Area Weightage @ 8%	12.80							
	Total	172.80							
27	KSRB13-6.3-3 : Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 25mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No.KBS 13.2.6 / 13.3. **(P.No.91/ I.No. 13.34 of CSR 2016-17)**	Each							
			5x10				**50.00**	648.00	**32400.00**
	Basic Rate	600.00							
	Area Weightage @ 8%	48.00							
	Total	648.00							
28	KSRB13-8.5 : Providing and fixing to wall, ceiling and floor, low density polyethylene pipes 6.00 kgf/sq.cm working pressure 140mm outside diameter with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials, labour charges, HOM of equipments and testing complete as per specifications. Specification No.KBS 13.2.15.1 / 13.9 **Page No. 93,Item No. 13.70.6, PWD SR 2016-17**	m							
			5x10				**50.00**	574.56	**28728.00**
	Basic Rate	532.00							
	Area Weightage @ 8%	42.56							
	Total	574.56							
29	KSRB 12-8.1 : Constructing brick masonry inspection chamber **455x610mm, and 450mm depth**, (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover withframe (light duty) 455x610mm internal dimensions, total weight of cover with frame to be not less than 38 kg (weight of cover 23kg and weight of frame 15 kg) R.C.C. top slab with cement concrete M 15 with 20mm and downsize granite metal, foundation concrete M 5 with 40mm and downsize granite metal inside plastering 12mm thick with cement mortar 1:3, finish smooth with a floating coat of cement on walls and bed concrete complete as per standard design including cost of materials, labour charges, curing complete as per specifications. Specification No. KBS **(P.No. 73/ I.No.11.50 of PWD SR 2016-17)**	Nos							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
			5x8				**40.00**	7604.28	**304171.00**
	Basic Rate	7041.00							
	Area Weightage @ 8%	563.28							
	Total	7604.28							
30	KSRB 11-11.8 : Providing and fixing white vitreous china clay, surgeon type wash basin size 660x460mm with a pair of 15mm C.P brass pillar taps with pair of elbow operated levers, C.I / M.S brackets, 32 mm C.P. brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. KBS 11 **Page No. 81, Item No. 12.30, PWD SR 2016-17**	Unit							
			5x4				**20.00**	4945.32	**98906.00**
	Basic Rate	4579.00							
	Area Weightage @ 6%	366.32							
	Total	4945.32							
31	KSRB13-6.1-3 : Providing and fixing in position brass bib cock of approved quality 25mm nominal bore including cost of all materials, labour and HOM of equipments with all leads complete as per specifications. Specification No.KBS 13.2.2 / 13.3. **(P.No.91/ I.No. 13.25 of CSR 2016-17)**	Each							
			5x10				**40.00**	297.00	**11880.00**
	Basic Rate	275.00							
	Area Weightage @ 8%	22.00							
	Total	297.00							
32	KSRB 11-2 : Providing and fixing white vitreous china clay, water closet Orissa pattern of size 580 x 440mm with integral type footrests, 100mm S or P trap, 10 litre low level, P.V.C flushing cistern (all are approved make) with fittings, C.I / M.S brackets, 32mm diameter flush pipe fittings and clamps, overflow arrangements with special and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11. **(P.No. 77, I.No.12.2 of PWD SR 2016-17)**	Pan							
			5x4				**16.00**	4682.88	**74926.00**
	Basic Rate	4336.00							
	Area Weightage @ 8%	346.88							
	Total	4682.88							
33	KSRB 13-11.1 : Providing and placing on terrace, polyethylene water storage tanks with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM of equipments and testing complete as per specifications. **(For 1000 litre capacity) Specification No.KBS 13.22 Page No. 94, Item No. 13.78, PWD SR 2016-17**	Nos							
			5x2				**10.00**	9144.36	**91444.00**
	Basic Rate	8467.00							
	Area Weightage @ 8%	677.36							
	Total	9144.36							

Sl No	Description of item	Unit	No	L	B	D	Qty	Rate	Amount
34	KSRB 11-15.3 : Providing and fixing 453x357mm dia rectangular shape mirror with plastic moulded frame of approved make and shade with 6mm thick hard board backing including cost of materials, labour complete as per specifications. **(P.No.82, I.No. 12.41 of PWD SR 2016-17)**	Unit							
			5x2				**10.00**	1274.40	**12744.00**
	Basic Rate	1180.00							
	Area Weightage @ 8%	94.40							
	Total	1274.40							
	Sub Total								**4344753.00**
	Tender Premium @ 10%								**434475.00**
	Third Party Inspection Charges @ 1%								**43448.00**
	Electrification and BESCOM Deposit for Toilet Block	L/S	5	35000.00					**175000.00**
	Miscellaneous and Unforeseen Charges	L/S							**2324.00**
								Total	**5000000.00**
Rupees Fifty Lakh(s) Only									

CERTIFICATE:

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per C.S.R. of PWD 2016-17, PWD Elecrical 2014-15.
3 The provisions were made in this estimate are necessary and adequate.
4 This works come under B.B.M.P. limits.

Assistant Engineer
Ward No. 07

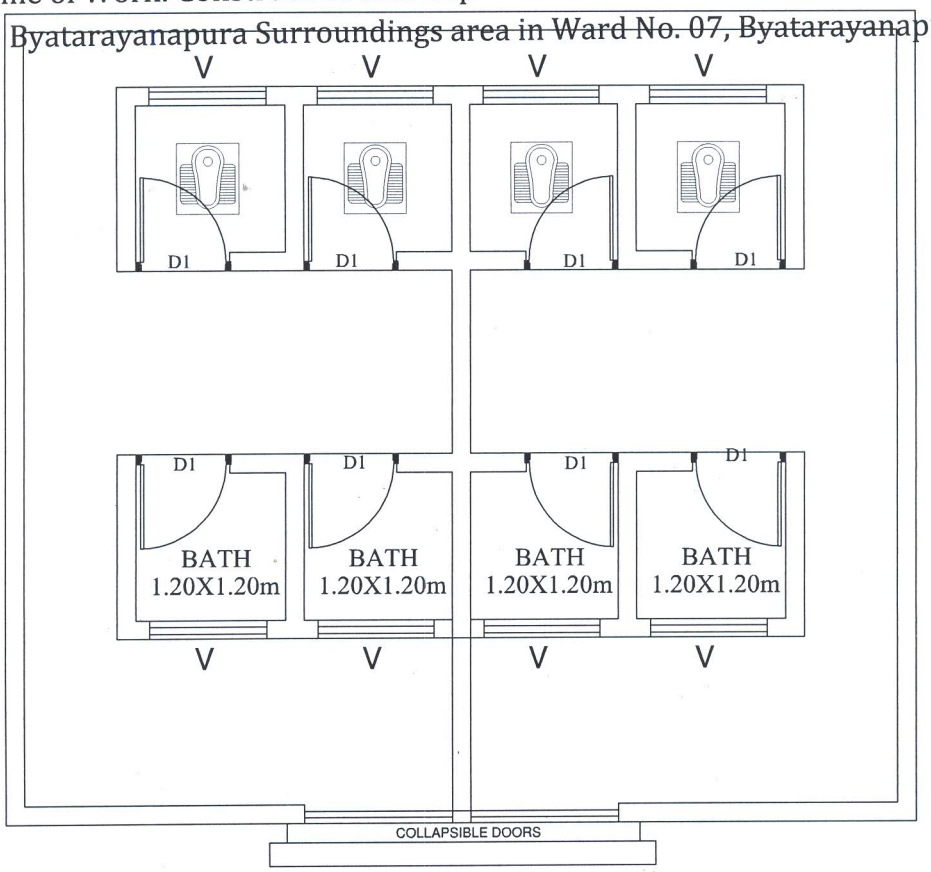
Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Kodigehalli Sub Division

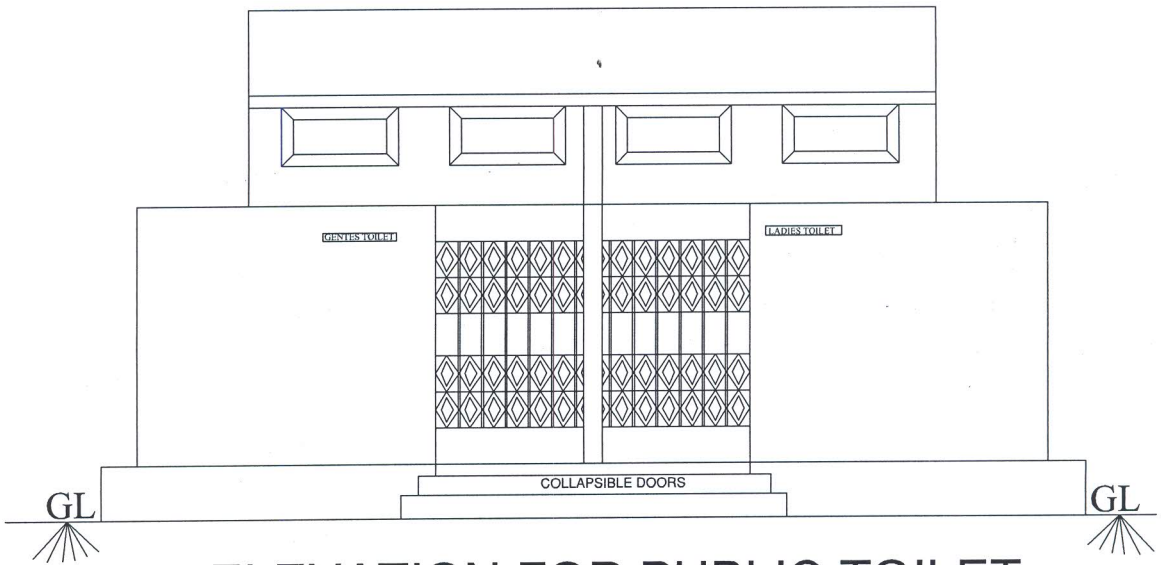
Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Sub Division

ADMINISTRATIVE APPROVAL
Accorded For Rs. Fifty lakhs only
Head of A/c. P-3294
Div. Ref. No. 168/17-18 Date. 12/01/18
AE
EE(BTP) 12/01

Technical Sanction
Accorded For Fifty lakhs only
Head of A/C. P 3294
CER NO. SE 5 12/17-18 Dt. 12.01.18
TA to CE (YNK)

Name of Work: Construction and Improvements of Toilets in Sahakaranagara, Byatarayanapura Surroundings area in Ward No. 07, Byatarayanapura.





ELEVATION FOR PUBLIC TOILET

Assistant Executive Engineer
Kodigehalli Sub Division
Bruhat Bangalore Mahanagara Palike
Bangalore - 560 092